The Mathematical Intelligencer Index

Authors

- Adams, Colin. Class Reunion. (2) 22-23. Adams, Colin. Journey to the Center of Mathematics. (4) 13-16.
- Adams, Colin. The Theorem Blaster. (1) 17 - 18
- Adams, Colin, and Krantz, Steven G. The Cohomology of Proofs. (3) 29-30.
- Adler, Irving. Nonegenarian Fibonacci Devotee. (1) 4.
- Albert, Jim. Review of Baseball's All-Time Best Hitters by Michael Schell. (1) 63-66.
- Alexander, Amir. Review of Incompleteness: The Proof and Paradox of Kurt Gödel, by Rebecca Goldstein. (4) 64-67.
- Alexanderson, Gerald L. Review of Dark Hero of the Information Age: In Search of Norbert Wiener, the Father of Cybernetics, by Flo Conway and Jim Siegelman. (2) 70-73.
- Anderson, Ronald. Augustus De Morgan's Inaugural Lecture of 1828. (3) 16-28.
- Avigad, Jeremy. Review of The Birth of Model Theory: Löwenbeim's Theorem in the Frame of the Theory of Relatives, by Calixto Badesa. (4) 67-71.
- Avigad, Jeremy. Review of Gnomes in the Fog: The Reception of Brouwer's Intuitionism in the 1920s, by Dennis E. Hesseling. (4) 71-74.
- Bauer, F. L. An Elementary Remark on the Accuracy of Approximations of Regular Continued Fractions. (3) 38-43.
- Behrends, Ehrhard. Review of The Mathematics of Juggling, by Burkard Polster. (2) 88-89.
- Behrends, Ehrhard. Review of Music and Mathematics, edited by I. Fauvel, R. Flood, and R. Wilson. (3) 69-71.
- Bhatia, Rajendra, and Holbrook, John.

- Noncommutative Geometric Means. (1) 32-39.
- Chow, Tim. Ein Kleines Schach. (2) 49. Chow, Tim. Solutions to "Ein Kleines Schach" (2) 69.
- Curtain, Eugene, and Warshauer, Max. The Locker Puzzle. (1) 28-31.
- Davis, Martin. Review of Everything and More: A Compact History of Infinity, by David Foster Wallace. (2) 81-84.
- Dawson, John W. Jr., and Sigmund, Karl. Gödel's Vienna. (3) 44-55.
- Domokos, Gábor. My Lunch with Arnold. (4) 31-33.
- Drenckhan, Weibke. Bubble Crawling in Dublin. (4) 39-43.
- Edwards, A. W. F. Euler Diagrams and Venn Diagrams. (3) 3.
- Foncannon, J. J. Review of Irresistible Integrals: Symbolics, Analysis and Experiments in the Evaluation of Integrals, by George Boros and Victor H. Moll. (3) 65-68.
- Franklin, James. Review of Divine Proportions: Rational Trigonometry to Universal Geometry, by Norman Wildberger. (3) 73-74.
- Friesecke, Gero, and Wehrstedt, Jan Christof. An Elementary Proof of the Gregory-Mengoli-Mercator Formula. (3) 4-5.
- Goldstine, Susan. Dancing Elves and a Flower's View of Euclid's Algorithm. (4) 23-30.
- Grosholz, Emily. Review of Euclid in the Rainforest by Joseph Mazur. (2) 84-88.
- Grunwald, Eric. Review of The Equation That Couldn't Be Solved: How Mathematical Genius Discovered the Language of Symmetry, by Mario Livio. (4) 63-64.
- Hammer, Joe. From Fractal Geometry to Fractured Architecture: The Federation Square of Melbourne. (4) 44-48.
- Hansen, Vagn Lundsgaard. Review of

- Flatterland, by Ian Stewart; and The Annotated Flatland, A Romance in Many Dimensions, by Edwin A. Abbott. (2) 89-90.
- Hearn, Robert A. TipOver is NP-Complete. (3) 10-14.
- Hedenmalm, Håkan. Review of Codebreakers: Arne Beurling and the Swedish Crypto Program During world War II, by Bengt Beckman. (1) 57-59.
- Hersh, Reuben. The Wedding. (1) 51. Hitchin, Nigel. Review of A Panoramic View of Riemannian Geometry by Marcel Berger. (2) 73-74.
- Holbrook, John. See Bhatia, Rajendra, and Holbrook, John. (1) 32-39.
- Huang, H.-N.; Marcantognini, S. A. M., and Young, N. J. Chain Rules for Higher Derivatives. (2) 61-69.
- Huber, Greg. A Mysterious Subterranean Numeroglyph. (4) 4-5.
- Hunter, Patti W. Review of The Politics of Large Numbers. A History of Statistical Reasoning, by Alain Desrosières; translated by Camille Naish. (1) 69-70.
- Imhausen, Annette. Ancient Egyptian Mathematics: New Perspectives on Old Sources. (1) 19-27
- Jacquette, Dale. Review of Visualization, Explanation and Reasoning Styles in Mathematics edited by Paolo Mancosu, Klaus Frovin Jergensen, and Stig Andur Pedersen. (2)79-81.
- Jorgensen, Palle E. T. Review of The Road to Reality: A Complete Guide to the Laws of the Universe, by Roger Penrose. (3) 59-61.
- Josephson, Paul. Review of From Newspeak to Cyberspeak. A History of Soviet Cybernetics by Slava Gerovitch. (1) 59-61.
- Kantor, Jean-Michel. Review of Mathematics: A Very Short Introduction by Timothy Gowers. (1) 63.
- Kimberling, Clark. Review of Tradi-

- tional Japanese Mathematics Problems of the 18th and 19th Centuries by Hidetoshi Fukagawa and John F. Rigby; Japanese Temple Geometry Problems San Gaku by Hidetoshi Fukagawa and Dan Pedoe. (1) 61-63.
- Kleiner, Israel, Principle of Continuity: A Brief History. (4) 49-57.
- Koren, Barry. Computational Fluid Dynamics: Science and Tool. (1) 5-
- Krantz, Steven G. Review of Mathematical Circles, Vol. I, II, III, by Howard Eves. (1) 70-72.
- Krantz, Steven G. See Adams, Colin, and Krantz, Steven G. (3) 29-30.
- Kunz, Ernst, Review of Erich Kähler, Mathematische Werke, Mathematical Works, edited by Rolf Berndt and Oswald Riemenschneider. (1)
- Künzi, Hans-Peter A. Review of Encyclopedia of General Topology, edited by K. P. Hart, Jun-iti Nogata, and J. E. Vaughan. (1) 72-74.
- Lambek, Joachim. Pregroups and Natural Language Processing. (2) 41-48.
- Lisker, Roy. Review of The Road to Reality: A Complete Guide to the Laws of the Universe, by Roger Penrose. (3) 61-64.
- Marathe, Kishore B. Review of History and Science of Knots, edited by J.C. Turner and P. van de Griend. (1) 54-57.
- Marcantognini, S. A. M. See Huang, H.-N., Marcantognini, S. A. M., and Young, N. J. (2) 61-69.
- McCartin, Brian J. e: The Master of All. (2) 10-21.
- McCleary, John. Airborne Weapons Accuracy: Topologists and the Applied Mathematics Panel. (4) 17-21.
- Meila, Marina. Review of Machine Learning: Discriminative and Generative, by Tony Jebara. (1) 67-69.
- Montgomery, Hugh L., and Wagon Stan. A Heuristic for the Prime Number Theorem. (3) 6-9.
- Naharro, Belén García, and Nuño, Juan Carlos. A Treasury of Mathematics: The Library of El Escorial Revisited. (2) 34-36.
- Nawlakhe, Anil, and Wilson, Robin. 2005—World Year of Physics. (2)
- Nuño, Juan Carlos. See Naharro, Belén García, and Nuño, Juan Carlos. (2) 34-36.

- Park, Jin-Ho. Numerical Properties of Rudolph Michael Schindler's Houses in the Los Angeles Area. (1) 40-49.
- Peiffer, Jeanne. Review of A l'origine de la recherche scientifique: Mersenne, by Jean-Pierre Maury; edited by Sylvie Taussig. (3) 64-65.
- Pekonen, Osmo, Review of Bourbaki. Une société secrète des mathématiciens, by Maurice Mashaal. (3) 68-69
- Pekonen, Osmo. Review of Collected Works, Volume 6, by Michael Ativah. (4) 61-62.
- Pekonen, Osmo. Review of Cing Siècles de Mathématiques en France, by Marcel Berger. (4) 62-63.
- Pekonen, Osmo, Review of The Equations: Icons of Knowledge, by Sander Bais. (4) 60-61.
- Pullum, Geoffrey K. Review of The Mathematics of Language, Studies in Generative Grammar, 63, by Marcus Kracht. (2) 74-78.
- Rowe, David E. Euclidean Geometry and Physical Space. (2) 51-59.
- Schattschneider, Doris. Math and Art in the Mountains. (3) 31-37.
- Schell, Michael J. Review of Teaching Statistics Using Baseball, by Jim Albert. (1) 66-67.
- Senechal, Marjorie. Mathematics and Narrative at Mykonos. (2) 24-30.
- Sigmund, Karl. See Dawson, John W. Jr., and Sigmund, Karl. (3) 44-55.
- Sonar, Thomas. Some Differentials on Gottfried Wilhelm Leibnitz's Death, Burial, and Remains. (2) 37-40.
- Várkonvi, P. L., and G. Domokos, Monomonostatic Bodies. (4) 34-38.
- Wagon, Stan. See Montgomery, Hugh L., and Wagon, Stan. (3) 6-9.
- Warshauer, Max. See Curtain, Eugene. and Warshauer, Max. (1) 28-31.
- Watkins, John J. Coincidences, Chaos, and All That Math Jazz: Making Light of Weighty Ideas, by Edward B. Burger and Michael Starbird. (4) 74-75.
- Watkins, John J. Review of The Pea and the Sun: A Mathematical Paradox, by Leonard M. Wapner. (3) 71-73.
- Wehrstedt, Jan Christof. See Friesecke, Gero, and Wehrstedt, Jan Christof. (3) 4-5.
- Williams, Kim. Review of Geometrical Landscapes: The Voyages of Discovery and the Transformation of Mathematical Practice, by Amir R. Alexander. (4) 58-60.

- Wills, Rebecca S. Google's PageRank: The Math Behind the Search Engine. (4) 6-11.
- Wilson, Robin. The Philamath's Alphabet-L. (1) 76.
- Wilson, Robin. The Philamath's Alphabet-M. (3) 76.
- Wilson, Robin. The Philamath's Alphabet-N. (4) 78.
- Wilson, Robin. See Nawlakhe, Anil; and Wilson, Robin. (2) 92.
- Young, N. J. See Huang, H.-N., Marcantognini, S. A. M., and Young, N. J. (2) 61-69.
- Zwicky, Jan. Mathematical Analogy and Metaphorical Insight. (2) 4-9.

Books Reviewed

- Abbott, Edwin A. The Annotated Flatland, A Romance in Many Dimensions. Reviewed by Vagn Lundsgaard Hansen. (2) 89-90.
- Albert, Jim. Teaching Statistics Using Baseball. Reviewed by Michael J. Schell, (1) 66-67.
- Alexander, Amir R. Geometrical Landscapes: The Voyages of Discovery and the Transformation of Mathematical Practice. Reviewed by Kim Williams. (4) 58-60.
- Atiyah, Michael. Collected Works, Volume 6. Reviewed by Osmo Pekonen. (4) 61-62.
- Badesa, Calixto. The Birth of Model Theory: Löwenbeim's Theorem in the Frame of the Theory of Relatives. Reviewed by Jeremy Avigad. (4) 67-71.
- Bais, Sander. The Equations: Icons of Knowledge. Reviewed by Osmo Pekonen. (4) 60-61.
- Beckman, Bengt. Codebreakers: Arne Beurling and the Swedish Crypto Program During World War II. Reviewed by Håkan Hedenmalm. (1) 57-59.
- Berger, Marcel. A Panoramic View of Riemannian Geometry. Reviewed by Nigel Hitchin. (2) 3-74.
- Berger, Marcel. Cinq Siècles de Mathématiques en France. Reviewed by Osmo Pekonen. (4) 62-63.
- Berndt, Rolf, and Riemenschneider, Oswald (editors). Erich Kähler. Mathematische Werke. Mathematical Works. Reviewed by Ernst Kunz. (1) 52-54.
- Boros, George, and Moll, Victor H. Irresistible Integrals: Symbolics,

- Analysis and Experiments in the Evaluation of Integrals. Reviewed by Foncannon, J. J. (3) 65-68.
- Burger, Edward B., and Michael Starbird. Coincidences, Chaos, and All That Math Jazz: Making Light of Weighty Ideas. Reviewed by John J. Watkins. (4) 74-75.
- Conway, Flo, and Siegelman, Jim. Dark Hero of the Information Age: In Search of Norbert Wiener, the Father of Cybernetics. Reviewed by Gerald L. Alexanderson. (2) 70-73.
- Desrosières, Alain. The Politics of Large Numbers. A History of Statistical Reasoning (translated by Camille Naish). Reviewed by Patti W. Hunter. (1) 69-70.
- Eves, Howard. Mathematical Circles, Vol. I, II. III. Reviewed by Steven G. Krantz. (1) 70-72.
- Fauvel, J., Flood, R., and Wilson, R. (editors) Music and Mathematics. Reviewed by Ehrhard Behrends. (3) 69-71.
- Flood, R. See Fauvel, J., Flood, R., and Wilson, R. (3) 69-71.
- Fukagawa, Hidetoshi, and Rigby, John F. Traditional Japanese Mathematics Problems of the 18th and 19th Centuries. Reviewed by Clark Kimberling. (1) 61-63.
- Fukagawa, Hidetoshi, and Pedoe, Dan. Japanese Temple Geometry Problems San Gaku. Reviewed by Clark Kimberling. (1) 61-63.
- Gerovitch, Slava. From Newspeak to Cyberspeak. A History of Soviet Cybernetics. Reviewed by Paul Josephson. (1) 59-61.
- Goldstein, Rebecca. Incompleteness: The Proof and Paradox of Kurt Gödel. Reviewed by Amir Alexander. (4) 64-67.
- Gowers, Timothy. Mathematics: A Very Short Introduction. Reviewed by Jean-Michel Kantor. (1) 63.
- Hart, K. P., Nogata, Jun-iti, and Vaughan, J. E. (editors). Encyclopedia of General Topology. Re-

- viewed by Hans-Peter A. Künzi. (1) 72-74.
- Hesseling, Dennis E. Gnomes in the Fog: The Reception of Brouwer's Intuitionism in the 1920s. Reviewed by Jeremy Avigad. (4) 71-74.
- Jebara, Tony. Machine Learning: Discriminative and Generative. Reviewed by Marina Meila. (1) 67-
- Jergensen, Klaus Frovin. See Mancosu. Paolo, Jergensen, Klaus Frovin, and Pedersen, Stig Andur (editors). (2) 79-81.
- Kracht, Marcus. The Mathematics of Language, Studies in Generative Grammar, 63. Reviewed by Geoffrey K. Pullum. (2) 74-78.
- Livio, Mario. The Equation That Couldn't Be Solved: How Mathematical Genius Discovered the Language of Symmetry. Reviewed by Eric Grunwald. (4) 63-64.
- Mancosu, Paolo, Jergensen, Klaus Frovin, and Pedersen, Stig Andur (editors). Visualization, Explanation and Reasoning Styles in Mathematics. Reviewed by Dale Jacquette. (2) 79-81.
- Mashaal, Maurice. Bourbaki. Une société secrète des mathématiciens. Reviewed by Osmo Pekonen. (3) 68-69.
- Mauray, Jean-Pierre; edited by Sylvie Taussig. A l'origine de la recherche scientifique: Mersenne. Reviewed by Jeanne Peiffer. (3) 64-65.
- Mazur, Joseph. Euclid in the Rainforest. Reviewed by Emily Grosholz. (2) 84-88.
- Moll, Victor H. See Boros, George, and Moll, Victor H. (3) 65-68.
- Nogata, Jun-iti . See Hart, K. P., Nogata, Jun-iti, and Vaughan, J. E. (editors). (1) 72-74.
- Pedersen, Stig Andur. See Mancosu, Paolo, Jergensen, Klaus Frovin, and Pedersen, Stig Andur (editors). (2) 79-81.

- Pedoe, Dan. See Fukagawa, Hidetoshi, and Pedoe, Dan. (1) 61-63.
- Penrose, Roger. The Road to Reality: A Complete Guide to the Laws of the Universe, by Roger Penrose. Reviewed by Palle E. T. Jorgensen. (3) 59-61; and by Roy Lisker. (3) 61-64.
- Polster, Burkard. The Mathematics of Juggling. Reviewed by Ehrhard Behrends. (2) 88-89.
- Riemenschneider, Oswald, See Berndt, Rolf, and Riemenschneider, Oswald (editors). (1) 52-54.
- Rigby, John F. See Fukagawa, Hidetoshi, and Rigby, John F. (1) 61-63.
- Schell, Michael. Baseball's All-Time Best Hitters. Reviewed by Iim Albert. (1) 63-66.
- Siegelman, Jim. See Conway, Flo, and Siegelman, Iim. (2) 70-73.
- Stewart, Ian. Flatterland. Reviewed by Vagn Lundsgaard Hansen. (2) 89-90.
- Taussig, Sylvie. See Mauray, Jean-Pierre, edited by Sylvie Taussig. (3) 64-65.
- Turner, J. C., and van de Griend, P. (editors). History and Science of Knots. Reviewed by Kishore B. Marathe. (1) 54-57.
- van de Griend, P. See Turner, J. C., and van de Griend, P. (editors). (1) 54-57
- Vaughan, J. E. See Hart, K. P., Nogata, Jun-iti, and Vaughan, J. E. (editors). (1) 72-74.
- Wallace, David Foster. Everything and More: A Compact History of Infinity. Reviewed by Martin Davis. (2) 81-84.
- Wapner, Leonard M. The Pea and the Sun: A Mathematical Paradox. Reviewed by John J. Watkins. (3) 71-73.
- Wildberger, Norman. Divine Proportions: Rational Trigonometry to Universal Geometry. Reviewed by Franklin, James. (3) 73-74.
- Wilson, R. See Fauvel, J., Flood, R., and Wilson, R. (3) 69-71.